

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASING AND SUPPLY
SPECIFICATIONS FOR MINI SPLIT SYSTEM AIR CONDITIONING**

PURPOSE:

The purpose of this specification is to establish a purchasing requirement for a mini-split ductless air conditioning system for use by the Virginia Correctional Center for Women, Agencies, and other Public Bodies of the Commonwealth Of Virginia.

The following specifications are intended to define the general level of quality and performance of the requested equipment, and are meant to be met or exceeded. The specifications are not meant to be restrictive as to brand name or manufacturer.

SCOPE:

Unless otherwise indicated, the specifications shall describe the minimum requirements to furnish and deliver mini-split air conditioning systems to the Virginia Correctional Center for Women. Individual systems must be provided to meet the cooling requirements for each of (10) separate rooms, requiring a 72,000 BTU/(6ton) mini-split air conditioning system per room. The cooling requirements may be met with a single 6 ton system, or with (2) 36,000 BTU/(3 ton) systems per room. Agency personnel will uncrate and install the air conditioning equipment.

BIDDER REQUIREMENTS:

The product offered in answer to this request for bid must be suitable for the purpose intended, as individual room coolers, and provided with all features that meet the specifications requirements.

The mini-split air conditioning systems must be delivered FOB destination, crated and undamaged to the designated receiving location at the Virginia Correctional Center for Women, 2841 River Road West, Goochland, Virginia 23063. Attention: Mr. Cary Kincaid. The air conditioning equipment is to be delivered on the VCCW premises at a location to be directed by VCCW personnel. It is strongly recommended that the bidder contact Mr. Cary Kincaid at (804) 784-3582 ext. 3743 for information on delivery site location, accommodations, and conditions. A site visit can be arranged if required to clarify any questions regarding the delivery site.

Bidders/Vendors shall submit complete technical data of the product being offered, with an itemized comparison of the product offered with these specifications. Bidders/Vendors shall indicate equivalence on the specifications form next to each specification item, using the lines provided across from the specification items. Bidder shall provide pertinent technical data documenting compliance/equivalence with dimensions, quality, features, functions, and performance, for air conditioning equipment offered. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

The products offered in answer to this request for bid must be new and unused current production models of the equipment required. No demonstrator, prototype, or beta test product will be accepted, and offering of such a product will be cause for bid rejection.

Products provided must be warranted with the supplier's best warranty offered, to provide no-cost protection to the Commonwealth for correction or replacement as needed for defects in manufacturing, assembly, or parts. Minimum warranty protection required is defined in the specifications. Provide documentation of warranty for the products offered in answer to this invitation for bid, including warranty that exceeds the required warranty coverage as defined in the "Specifications" section.

SPECIFICATIONS:

<u>Specifications Data</u>	<u>Bid Item Information</u>
Provide individual ductless mini-split air conditioning systems to produce cooling for a total of (10) individual day rooms at the Virginia Correctional Center for Women, each room requiring 72,000 BTU (6 ton) cooling capacity.	_____

1. The air conditioning systems may be (10) single 72,000 BTU/(6ton) units, or dual arrangements of (20) 36,000 BTU/(3ton) units. Either arrangement must provide the required 72,000 BTU cooling capacity per room.	_____

2. Air conditioning systems must operate on 208/230 volt single phase or 208/230 volt 3 phase electrical input	_____

3. Phase monitors must be used on every system, for 3-phase only. Does not apply to single phase service.	_____

4. All outdoor units must have a non-fused disconnect.	_____

5. Exterior compressor unit must use inverter driven compressor technology.	_____

6. Interior evaporator unit must be of the high wall mount type.	_____

7. Refrigeration lines must be a minimum of 50 feet in length.	_____

8. All air conditioning units must use R-410a refrigerant.	_____

9. A minimum of 100 feet of vinyl tubing must be provided with each air conditioning unit, minimum 3/8" inside diameter.	_____

10. All air conditioning units supplied must have an energy efficiency rating at a minimum of SEER 14.

11. System controls shall be of the digital microprocessor type, with a wireless remote control.

12. Air flow fan shall have a minimum of three speeds, or infinitely variable fan speeds.

13. Provide minimum warranty coverage of 5 years parts replacement, and 10 years compressor replacement.

DELIVERY:

Time required for delivery to Virginia Correctional Center for Women ARO _____ Days

PRICING:

**UNIT PRICE EACH FOR AIR CONDITIONING
MINI-SPLIT SYSTEM PER SPECIFICATIONS,
INCLUDING DELIVERY:**

\$ _____

**TOTAL PRICE FOR ALL AIR CONDITIONING
MINI-SPLIT SYSTEMS PER SPECIFICATIONS,
INCLUDING DELIVERY:**

\$ _____